

WHAT IS CLAIMED IS:

1. A projection device, comprising:
 - a microprocessor module for receiving a data signal including an image format file, a document format file, and a video format file to be converted into an output signal; and
 - a projector electrically connected to said microprocessor module for receiving said output signal.
2. The device according to claim 1, wherein said microprocessor module further comprising:
 - a data input device for receiving said data signal;
 - a data processing device electrically connected to said data input device for converting said data signal into said output signal; and
 - a signal output device electrically connected to said data processing device for providing said output signal to said projector.
3. The device according to claim 2, wherein said data input device comprises a network interface connector to be an input interface thereof.
4. The device according to claim 2, wherein said data input device comprises a serial port connector to be an input interface thereof.
5. The device according to claim 2, wherein said data input device comprises a universal serial bus connector to be an input interface thereof.
6. The device according to claim 2, wherein said data input device comprises an IEEE1394 connector to be an input interface thereof.
7. The device according to claim 2, wherein said data input device comprises a memory card slot to be an input interface thereof.
8. The device according to claim 2, wherein said data processing device further comprises:

a main processor for processing said data signal;
a main memory for storing a data temporarily; and
an erasable memory for storing basic communication protocols and all
drivers of elements on said microprocessor module.

9. The device according to claim 8, wherein the software operating system of
said data processing device is Microsoft Windows CE.
10. The device according to claim 9, wherein the software operating system of
said data processing device comprises a data processing software for
processing Microsoft Office files and image files.
11. The device according to claim 2, wherein said data processing device further
comprises a graphic processing unit (GPU) for processing a file having a
digital video format.
12. The device according to claim 11, wherein said GPU provides a processing
means for file formats including MPEG1, MPEG2, MPEG4, AVI, REAL
MEDIA, and QUICKTIME MOVIE.
13. The device according to claim 2, wherein said signal output device further
comprises an audio-visual output module for transferring said output signal
to said projector.
14. The device according to claim 1, wherein said microprocessor module further
comprises a GPIO connector electrically connected to a peripheral device.
15. The device according to claim 1, wherein said microprocessor module further
comprises an IR device for receiving an IR control signal.
16. A projection device with a microprocessor module, comprising:
a memory card device for being inserted therein by a memory card to
provide a data signal including an image format file, a document format file,
and a video format file;

a microprocessor module for receiving said data signal to be converted into an output signal; and

a projector electrically connected to said microprocessor module for receiving said output signal.

17. The device according to claim 16, wherein said microprocessor module further comprises:

a data input device for receiving said data signal;

a data processing device electrically connected to said data input device for converting said data signal into said output signal; and

a signal output device electrically connected to said data processing device for providing said output signal to said projector.

18. The device according to claim 17, wherein said data processing device further comprises:

a main processor for processing said data signal;

a main memory for storing a data temporarily; and

an erasable memory for storing basic communication protocols and all drivers of elements on said microprocessor module.

19. The device according to claim 17, wherein said data processing device further comprises a graphic process unit (GPU) for processing video format files.

20. The device according to claim 17, wherein said signal output device further comprises an audio-visual output module for transferring said output signal to said projector.